

## Overview

The Alexandria Mobility Plan (AMP), a strategic update to the 2008 Transportation Master Plan, focuses on expanding high-quality transportation choices so transportation in the city continues to serve the needs of residents, businesses, and visitors as the region grows and new technology impacts the ways we get around.

The community-driven planning process raised several priorities including reducing congestion, improving transit, cut-through traffic, and making transit more useful. This input informed a set of recommendations that will address these needs and improve access to safe and convenient travel choices for all Alexandria.



## Vision

**Safe, seamless, and connected mobility options foster a thriving Alexandria for all.**

## Guiding Principles

**All components of the AMP will advance the vision and guiding principles, which work together to improve transportation choices and ACCESS in Alexandria.**



**Accessible**



**Connected**



**Convenient**



**Equitable**



**Safe**



**Sustainable**



## Plan Chapters



*Transit*



*Smart  
Mobility*



*Streets*



*Pedestrian  
and Bicycle*



*Supporting  
Travel Options*



*Curb Space  
and Parking*



### Why update the AMP?

- Accommodate local and regional population and job growth
- Prepare for new mobility options and emerging technology
- Promote environmental responsibility
- Enhance the focus on equity

The AMP will improve access to safe and convenient travel choices.

### The plan commits the City to:



Apply an early and ongoing equity focus to all aspects of City projects, initiatives, programs, and services from conception through implementation



Make our transportation network flexible and adaptable to factors such as climate change, pandemics, and technological advancements



Be proactive and data-driven in decision-making



Develop partnerships that advance shared goals to serve the community

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## Policies and Strategies

The AMP contains policies and strategies that seek to improve and expand access to transportation choices and key destinations throughout Alexandria. In addition to the policies and strategies listed here, the full draft plan includes specific actions that the City will take to advance the implementation of these strategies.



### Transit

#### Policies

- A. *Make transit greener and more useful:*** Build out a fast and reliable all-day transit network with frequent service that runs on electric buses and serves the entire city, with a focus on areas that will benefit the most Alexandrians, businesses, employees, customers, and visitors.
- B. *Make transit easier to use:*** Increase transportation choices by reducing or eliminating barriers to taking transit.

#### Strategies

1. Implement a citywide transit network with frequent, all-day service.
2. Build out the city's priority transitway corridors and identify improvements on congested, high-ridership corridors to reduce travel times and improve reliability.
3. Transition the City's bus fleet to fully electric, zero-emission vehicles.
4. Improve the rider experience from trip planning, to accessing the stop, riding the bus, and arriving at the destination.
5. Evaluate DASH's fare free service and continue to explore low-income WMATA fares.
6. Support a better connected regional transit network.
7. Modernize the paratransit program for the city's aging population.

## Advancing Transportation Equity

The strategies in the AMP will work to review transit fare policy to ensure transit access for people of all means, use data to ensure that resources are distributed equitably, add more frequent, all-day bus service citywide (particularly in the West End), and create curb space policies to ensure greater access for persons with limited mobility.



## Smart Mobility

### Policies

- A. *Improve safety and efficiency:*** Use technology to manage congestion for safe and efficient city streets and protect the character of neighborhoods.
- B. *Prepare for new technology:*** Plan proactively and flexibly to ensure cost-effective investment in technology that can improve travel choices.

### Strategies

- 1.** Expand smart signal technology to enable detection and real-time signal adjustments.
- 2.** Strategically invest in partnerships to expand City data, technology, and communications capabilities.
- 3.** Upgrade capabilities of the Traffic Management Center to better manage congestion in real-time.
- 4.** Proactively prepare for connected and autonomous vehicles.
- 5.** Develop a framework for pilot projects to test new modes, infrastructure, or initiatives.



## Promoting Choices

The AMP promotes choice through strategies that will:

Make non-auto travel options more efficient and convenient so you can use them for everyday trips

Deploy technology to enable you to make more informed travel choices based on what is fastest or easiest

Provide new travel choices such as ferries



# Reducing Congestion and Cut-Through Traffic

The strategies in the AMP will work to expand use of smart signals to improve traffic flow, mitigate impacts of cut-through traffic on local streets, promote partnerships to support continued telework and flexible work schedules, support more frequent and efficient bus service to attract ridership and reduce traffic, and much more.



## Streets

### Policies

- A. *Protect neighborhoods from cut-through traffic:*** Reduce cut-through traffic burdening City neighborhoods.
- B. *Achieve Vision Zero:*** Use data to eliminate traffic-related deaths and serious injuries by 2028.
- C. *Leverage smart mobility:*** Recognizing that driving is important in the City, use Smart Mobility to manage congestion and neighborhood safety.

### Strategies

- 1.** Implement the Vision Zero Action Plan to eliminate traffic fatalities and serious injuries by 2028.
- 2.** Develop a comprehensive program to reduce speeding and cut-through traffic on local streets.
- 3.** Ensure new development minimizes negative impacts to the street network.
- 4.** Work with regional, state, and private sector partners to develop tools to keep traffic on highways and reduce regional cut-through traffic.
- 5.** Consider the use of speed cameras and other automated tools to improve safety.
- 6.** Maintain a state of good repair for our streets using a proactive, data-driven, and equitable approach.





## Pedestrian and Bicycle

### Policies

- A. Prioritize safety:** Focus on vulnerable street user crashes to help achieve Vision Zero.
- B. Address network gaps:** Complete pedestrian and bicycle networks equitably and cost-effectively.

### Strategies

- 1.** Create a safe, well-maintained, and comfortable walking and bicycling environment.
- 2.** Build out a continuous, connected, and accessible pedestrian network that enables people of all ages and abilities to move safely and comfortably.
- 3.** Build out a connected bicycle network of both on- and off-street facilities to benefit cyclists of all ages and abilities.
- 4.** Upgrade or install infrastructure that increases the accessibility of City streets and public spaces for people of all ages and abilities.
- 5.** Educate all street users about safety and traffic laws.





## Supporting Travel Options

### Policies

- A. Enhance choice:** Make it easier for more people to choose an alternative to driving alone.
- B. Promote work flexibility:** Encourage continued telework and flexible schedules to reduce congestion and emissions.
- C. Focus on all trips:** Shift non-commute trips away from driving alone.

### Strategies

- 1. Use information, programs, and encouragement to make it easier for residents and workers to choose options other than driving alone.
- 2. Use the Potomac River to expand transportation options.
- 3. Create mobility hubs.
- 4. Pursue regional approaches to reduce traffic and congestion, particularly during peak times.



## Curb Space and Parking

### Policies

- A. Connect parking policy to City goals:** Achieve broader City goals related to sustainability, congestion, and housing affordability through parking.
- B. Ensure parking availability:** Seek to maintain parking availability in the city's residential and commercial districts, recognizing that some people may need to walk a short distance to their destination.
- C. Promote equitable allocation of curb space:** Treat all curb space as a public asset that should be allocated in an equitable manner for its highest and best use, appropriate for the specific location, time of day, and time of year.

### Strategies

- 1. Implement a prioritization framework for making changes to curb space.
- 2. Consider pricing, regulation, data, and communications to manage parking availability.
- 3. Reconsider parking requirements in new developments.
- 4. Promote electric vehicle charging opportunities.



## AMP Outcomes

Together, the elements of the plan will lead to tangible and measurable progress towards achieving the plan's vision, guiding principles, and citywide goals to improve not just transportation, but also equity and quality of life.



Increased access to high-quality transportation choices for all Alexandrians



More and easier connections to jobs, opportunities, and community destinations



Better overall experience traveling around the city



Reduced number and severity of crashes



Increase in non single-occupant vehicle travel



*Equitable outcomes for all Alexandrians, especially neighborhoods and populations that have been historically underserved*

## How will the AMP help the City?

- Serves as a work plan for staff to improve mobility choices in the community
- Establishes metrics and targets to promote accountability
- Guides transportation decision-making
- Promotes flexibility to adapt to new ideas, technologies, and trends
- Provides a foundation for securing funding to advance existing plans and new projects

